



AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

Immediately after paragraph 0018, please insert the following:

B1
Figure 3 illustrates a sideview of a detector according to the present invention having multiple detectors and collimators.

Amend paragraph 0028 as follows:

B2 [0028] One important extension of the scheme above is to place several collimator slots and corresponding detectors after each other as is shown in Figure 3. This increases image acquisition time, since the area where X-rays are detected is increased. In Figure 2, this corresponds to placing similar detectors and slots to the left and/or right of the indicated slot and detector. It may also be advisable to put an X-ray absorbing metal plate between different detectors in this scheme to prevent scattered X-rays from reaching adjacent detectors.

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